

# PORSCHE

- TREB +

- BASS +

SW VOL

RELOAD

MODE

PORSCHE

CD-2

DX MO

FM12

FM

ST 1 2 3  
MO 4 5 6

BAND 1 CLR P 2 CD ME 3 PROG

SEEK DX  
MANUAL  
AUTO ME DISC PAUSE REPEAT SCAN R.PLY PROG

CD-2  
COMPACT  
disc DIGITAL AUDIO FM  
AM

Owner's Manual

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## PRECAUTIONS

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- When your car is parked for a long period of time during the summer or winter, the temperature inside the car fluctuates greatly. Be sure to allow the temperature inside the car to reach an appropriate level before attempting to use the unit. When the temperature is over 140°F (+ 60°C), the protection circuit functions to stop the CD player, and " — — — H" is displayed.
- Be sure to eject any compact disc from the player before removing the unit from the dash. It is necessary to remove the CD in order for the locking mechanism to be activated. Otherwise, the compact disc or laser mechanism may be damaged during transportation.
- **Moisture Condensation**  
When the climate is very humid, moisture condensation may occur inside the player. This could prevent the player from functioning properly. You may notice the playback sound wavering when it occurs. When this happens, remove the disc from the player and allow about an hour until the player is moisture free.

## FEATURES

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Your new Porsche is equipped with a state-of-the-art compact disc player, FM/AM digital PLL synthesizer radio and electronic anti-theft feature. The sound system incorporates the most refined CD laser pickup arm and transport in mobile audio, along with microprocessor-controlled tuner which provides exceptionally stable reception, excellent signal-to-noise characteristics and ultra-wide frequency response.

Please read this manual thoroughly to familiarize yourself with each control and function to enjoy clear and natural sound reproduction.

- **ANTI-THEFT**
- **FULL FRONT DIN™**
- **36 DETENT VOLUME CONTROL**
- **BALANCE CONTROL**
- **PRESET ADDRESS**
- **DIGITAL DISPLAY**
- **SEPARATE BASS & TREBLE CONTROLS**
- **MEMORY LOGIC ELECTRONICS**

### ⟨COMPACT DISC PLAYER FEATURES⟩

- **POWER LOADING/SELF LOADING:**  
It gently pulls the partially inserted compact disc into the play position and begins playback.
- **MUSIC SENSOR UP/DOWN:**  
For locating the beginning of the next track (up), or the track currently in playback (down).

- **FAST FORWARD/FAST BACKWARD**
- **RANDOM PLAY (RPLY):**

When the RPLY switch is pressed, the built-in microprocessor will randomly select tracks for playback. After all tracks have been played, the random play feature will go into Repeat Mode and begin again.

- **REPEAT**
- **PROGRAMMED PLAY:**  
Up to six music selections on a compact disc can be programmed to play back in any order.
- **DISC SCAN:**  
Locates the beginning of each track and plays 10 seconds.
- **ELECTRONIC EJECT/RELOAD**
- **PAUSE**

### ⟨RADIO FEATURES⟩

- **ETR/PLL DIGITAL FREQUENCY SYNTHESIZER**
- **AUTO MEMORY:**  
In the AUTO MEMORY mode, 6 of the strongest AM or FM stations will be stored automatically.
- **LITE TOUCH™ 18-STATION PRESETS:**  
FM1: 6, FM2: 6, AM: 6
- **AUTO TUNE SELECT SWITCH**
- **FM/AM TUNER**
- **STEREO/MONO INDICATORS**
- **AUTO UP/DOWN SEEK**
- **LO/DX (SEEK SENSE)**

# CONTROLS AND INDICATORS

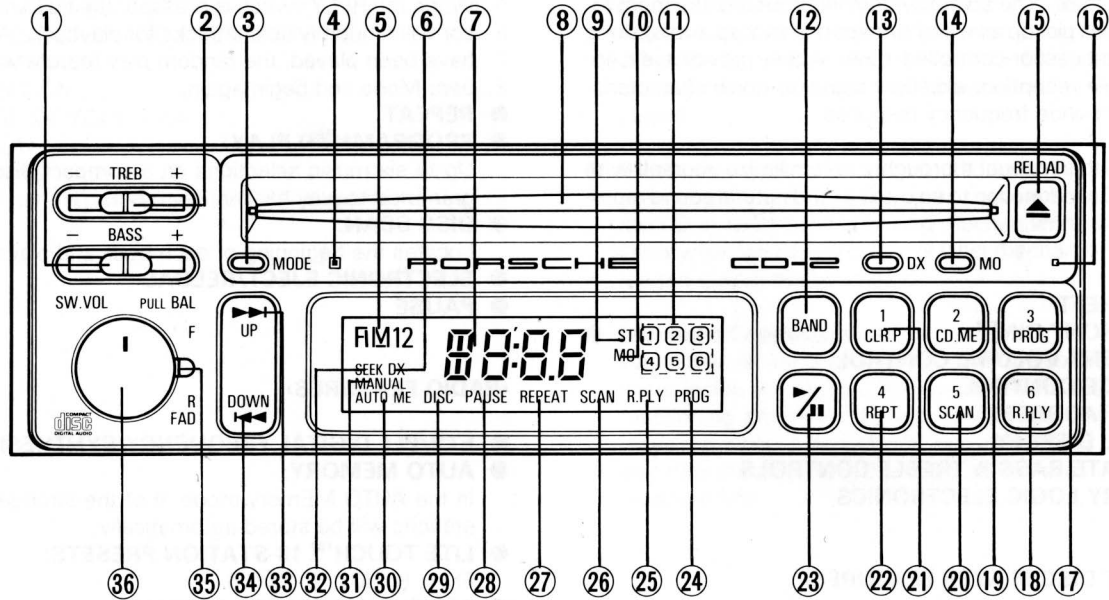


Fig. 1

## CONTROLS AND INDICATORS (Fig. 1)

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Listed below are all the Controls and their indicators. Please see the operation Section for explanations.

- ① **BASS Control**
- ② **TREBLE Control**
- ③ **MODE Switch**
- ④ **Anti-theft LED**
- ⑤ **Tuner Band Indicator**
  
- ⑥ **DX (Distance) Indicator**
- ⑦ **Digital Display**
- ⑧ **Disc Slot**
- ⑨ **STEREO Indicator**
- ⑩ **MO (Monaural) Indicator**
  
- ⑪ **Preset Address Indicators**
- ⑫ **Tuner BAND Switch**
- ⑬ **DX (Local/distance) Switch**
- ⑭ **MO (Monaural) Switch**
- ⑮ **RELOAD (EJECT) Switch**
  
- ⑯ **Reset Switch**
- ⑰ — ⑳ **Preset Switches** 1 — 6
- ⑰ **PROG (Program) Switch**
- ⑱ **RPLY (Random Play) Switch**
- ⑲ **CD ME (CD Memory) Switch**
- ⑳ **SCAN Switch**
  
- ㉑ **CLRP (Clear Program) Switch**
- ㉒ **REPEAT Switch**
- ㉓ **Play/Pause ( ▶ / || ) Switch**
- ㉔ **PROG (Program) Indicator**
- ㉕ **R.PLY (Random Play) Indicator**
  
- ㉖ **SCAN Indicator**
- ㉗ **REPEAT Indicator**
- ㉘ **PAUSE Indicator**
- ㉙ **DISC Indicator**
- ㉚ **AUTO MEMORY Indicator**
  
- ㉛ **MANUAL Tuning Indicator**
- ㉜ **SEEK Indicator**
- ㉝ **UP (▶▶) Switch**
- ㉞ **DOWN (◀◀) Switch**
- ㉟ **FADER Control**
  
- ㊱ **Power SWITCH/VOLUME Control/BALANCE Control (Pull)**

## ANTI-THEFT FEATURES AND OPERATION

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The built-in anti-theft circuitry is specially designed to essentially render your audio system unsaleable if it is disconnected from the power supply and stolen. When the CD-radio is electrically reconnected to the power supply, it will not operate until a five-digit security code assigned to your CD-radio is correctly entered.

1. After the ignition key is removed or turned off, the red anti-theft LED ④ on the CD-radio will continuously flash to warn the passersby that the CD-radio is equipped with an anti-theft circuitry. As a further theft-deterrent, a warning stickers are also included on page 15.
2. Should the voltage of power supply to the CD-radio drop below 5 volts due to a dead battery, electrical repairs, or removal (such as theft), the CD-radio will not function when voltage is restored. The display ⑦ will show the word "CODE."
3. The proper 5-digit security code shown on the two I.D. Cards supplied to you must be entered using 6 preset switches (1 through 6) ① —⑥ when the CD-radio is turned on and the display ⑦ shows "CODE." If the correct security code is not entered in the three successive tries, the display ⑦ will show "OFF" and the CD-radio will not accept entry until the CD-radio has been left on for 24 hours.

**IMPORTANT:** When entering the 5-digit security code number, be sure to complete sequence numbering of that 5-digit security code. For example, the code number sequence is 54321 and you mistakenly enter 53 instead of 54, continue the code number sequence of 321 to complete that entry. The CD-radio will not operate and "CODE" will reappear in the display ⑦. Re-enter the correct number sequence of 54321 and the CD-radio will become operative. The likelihood of guessing the correct security code is extremely remote.

Two Security Code I.D. Cards are attached to page 15 of this manual so be sure to remove them.

**Note:** The security code cards should be placed in your wallet or handbag for safe keeping. Should you lose your security code cards, contact the nearest Porsche dealer who will then obtain your code from Porsche.

## BASIC OPERATION

### System Initiation

When operating for the very first time after installation of the audio system or replacement of the car battery, press the Reset Switch ⑩ with a ball-point pen or other pointed object.

### Power Switching and Volume Control ⑳

Rotating the SW/VOL Control ㉑ clockwise turns Power On and continuously increases the volume. Rotating the control counterclockwise will continuously decrease the volume, and turn the Power Off.

**NOTE:** The noise level on compact discs is much lower than on analog-type records or tapes; therefore, when inserting a disc, keep the volume control turned fully counterclockwise, then adjust volume by gradually turning the control clockwise once playback begins. Do not turn clockwise too abruptly as this could damage the speakers.

### Balance Control ㉒

Pull the SW/VOL Control and rotate to balance between left and right speakers.

### Fader Control ㉓

Rotate the Fader Control ㉓ for your desired front to rear volume balance.

### Separate Bass and Treble Controls (①, ②)

Slide these controls to the right to increase, and to the left to decrease the level of Bass or Treble.

## RADIO OPERATION

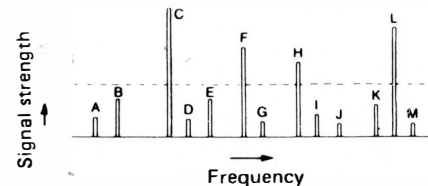
To hear radio broadcasts, the unit should be in radio mode. If a disc is playing, press the RELOAD/eject switch or press the BAND switch to choose the radio mode. In the radio mode, the band indicator ⑤ will display either FM1, FM2 or AM.

### ● Manual TUNING

1. Press the BAND Switch ⑫ to choose radio bands. The band indicator ⑤ in the display will illuminate.
2. To tune to higher frequencies, press the UP switch ㉔.
3. To tune to lower frequencies, press DOWN switch ㉕.
4. The frequency in the digital display ⑦ shows the frequency of the radio station.

### ● Auto SEEK Tuning

1. Press the MODE switch ③ until SEEK indicator ㉖ in the display will illuminate.
2. Select the tuning band with the BAND Switch ⑫.
3. Before beginning to tune in FM stations, select the Local or Distance Mode with the DX Switch ⑬. While Auto Seek tuning in Local Mode, only the strong signal stations (C, F, H and L as shown below) will be tuned in and the weak ones will be passed by. In the distance mode, DX ⑥ will show in the display and all stations, both weak and strong, will be tuned in.



## ◀ RADIO OPERATION ▶

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4. Press the UP **Ⓜ** or DOWN **Ⓝ** switch, then it automatically tunes to the next higher frequency or lower frequency station and locks on that station.

### ● Manual Memory Preset

Follow the instructions below to memorize stations for preset tuning.

1. Select the tuning band (FM1, FM2 or AM) **⑤** with the BAND switch **⑫**.
2. Tune in your desired station by manual tuning or Auto SEEK tuning.
3. Press any Preset Switch **⑰** — **⑳** for more than two seconds. The Address indicator **⑪** in the display will begin to blink. Press that switch a second time while the indicator is blinking.
4. The preset number will be memorized and will then show in the display **⑪**.

**Note:** If a preset memory has already been set in the same address, it will be cleared and the new station will be memorized.

### ● Auto Memory Preset

1. Press the MODE switch **③** and light up the AUTO ME indicator **⑳**.

2. Select the desired tuning band (FM1, FM2 or AM) **⑤** with the BAND switch **⑫**.
3. Press the UP **Ⓜ** or DOWN **Ⓝ** switch. It will automatically seek 6 strong stations in each band and memory the stations in order of the signal strength from the strongest station for the Address No. 1 to the 6th strong station for the Address No. 6. When the station is memorized, the address indicator (No. 1 — 6) **⑪** will appear. First, it seeks the stations in the local tuning. If the stations memorized are less than 6, it seeks the stations in the distance (DX) tuning.
4. After finishing Auto Memory Preset, it tunes in the station memorized onto the Address No. 1. If no station is memorized, it returns to the original station you were listening to before the auto memory preset procedures.

### ● Preset Tuning

After the preset stations have been memorized, you can tune in your desired station with just a touch of a Preset switch.

1. Select the tuning band (FM1, FM2 or AM) **⑤** with the BAND Switch **⑫**.
2. Press any one of the Preset switches **⑰** — **⑳** and the number 1 — 6 will illuminate in the display **⑪**.



## PROPER CARE OF YOUR DISC

### ● Proper Handling

Handle your disc as shown. Do not drop the disc while handling. If the surface is scratched, it may cause the pickup to skip signal tracks. Hold the disc so you will not leave fingerprints on the surface. Do not affix tape, paper, or gummed labels on the disc. Do not write on the disc.



### ● Keep Your Discs Clean

Fingerprints, dust, or soil on the surface could cause the pickup to skip signal tracks. Wipe the surface clean with a clean soft cloth from the center to outer edge. If the surface is heavily soiled, dampen a clean soft cloth in a solution of mild neutral detergent to wipe it clean. See drawing.



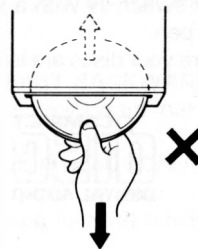
### ● Damaged Disc

Do not attempt to play damaged, warped or cracked discs. It could severely damage the playback mechanism.

### ● Storage

When not in use, place your discs in their individual cases and store them in a cool place away from the sun, heat, and dust.

- Do not grip or pull out the disc with your hand while the disc is being pulled into the unit by Self Loading mechanism.



## CD OPERATION

### Cautions During Playback

- Playing a disc while driving on a very bumpy road may result in skips but this will not scratch the disc or damage the player.

- Notes:**
1. Your player accepts only one disc at a time for playback. Do not attempt to load more than one disc.
  2. Make sure the label side is facing up, when you insert the disc. Your player will automatically eject any disc that is inserted incorrectly. If the player continues to eject a correctly inserted disc, push the reset switch ⑩ with a sharp object such as a ballpoint pen.
  3. Make sure your discs are labeled as shown below:

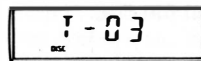


### ● Load and Reload

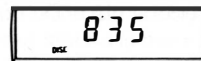
1. Insert a disc into the slot ⑧.  
When the disc is halfway in, the power loading system will take over and guide the disc into play position.
2. If the disc is left at least halfway in, press the RELOAD switch ⑮ or ►/|| switch ⑳.
3. The digital display ⑦ shows "T-00" for a second while the data on the disc is read.
4. When a disc is loaded during radio reception, the CD mode will automatically switch on.

### ● Track/Elapsed Time Display Switching

Press the MODE Switch ⑨ for the Track Number being played or the Elapsed Time for the current track to be shown in the Digital Display. See below.



(Track Mode)



(Time Mode)

### ● Eject

Press the RELOAD (EJECT) switch ⑮. The disc will come partially out. If the eject status is maintained more than 15 seconds, the self loading system will be automatically actuated and the disc will be reloaded into the mechanism and the player will be set to PAUSE mode.



### ● Normal Play (Repeat All)

1. Load the Disc.
2. The digital display ⑦ will show "T-00" for a second, then "T-01" will be displayed and the first track on the disc will begin playback.

## ◀ CD OPERATION ▶

3. After the last track on the disc is played back, the pickup will return to the beginning of the disc and begin playback from that point.

### ● **Pause**

Press the ▶/|| switch (23) to hold playback temporarily. The PAUSE indicator (23) will be on and the playback stops, but the disc remains inside the player. To resume playback, press the ▶/|| switch (23) again.

### ● **Music Sensor (Skip)**

With this feature, you can get to the beginning of the music track of your choice simply and quickly. It is functional in the play or pause mode.

The digital display (7) shows the pickup location with the Track Number.

- To advance to a track somewhere ahead on the disc, press the ►► side of the Music Sensor switch (23).
  1. Playback stops, the pickup moves up to the beginning of the next track ahead. The digital display (7) shows the number of the next track the pickup has just reached.
  2. Playback begins immediately.
  3. If you wish to reach and play another track further ahead on the disc, continue pressing the ►► side of the switch (23) until you reach the track of your choice.
- To replay the track that is currently playing, press the ◀◀ side of the music sensor switch (24).
  1. Playback stops, the pickup moves back to the beginning of the current track. The track number display

will remain the same.

2. Playback begins immediately from the beginning of the track.
3. If you wish to reach and play another track further behind on the disc, successive presses on the ◀◀ side of the switch (24) will move the pickup arm back until you reach the track of your choice.

### ● **In Programmed Preset Play**

If a track not originally preset is chosen for playback with the UP/DOWN switches (23, 24) during Preset Playback operation, the preset play operation will resume after completion of that selection.

### ● **FAST FORWARD/FAST BACKWARD**

The Fast Forward/Fast Backward feature works in both play and pause modes.

1. Press either the UP (23) or DOWN (24) switch for more than 2 seconds.
2. To move the pickup forward rapidly, hold down the UP ►► switch (23).
3. To move the pickup backward rapidly, hold down the DOWN ◀◀ switch (24).
4. When pickup reaches the end of the disc, it returns to the beginning automatically from the end, playback will start from the beginning of the disc.

### ● **REPEAT (One)**

The repeat feature allows you to continuously play back a single track.

1. Press the REPT switch (22).
2. The music track shown in the display (7) will be played back repeatedly.

## ◀ CD OPERATION ▶

- To stop repeat playback, press the REPT switch a second time.

### ● SCAN

This function allows playback of the first 10 seconds of each track in succession. This function is useful in searching for a specific program ahead on a disc. A second push of the SCAN switch ⑳ deactivates the function.

The SCAN function also works in the Preset Play Mode. Push the SCAN switch ⑳ while in Preset Play. The first 10 seconds of the music tracks stored in the memory (up to 6) will be played back in order, starting from the next Preset number. To stop Scan, press the SCAN switch ⑳ a second time.

### ● Random Play (RPLY)

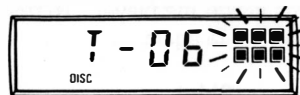
Depress the RPLY switch ⑯ while in play or pause mode. Music tracks will be played back in random sequence according to random number generated by the microprocessor. After all the tracks on the disc have been played back once, the player will begin a new random sequence.

### ● CD Memory Procedures

#### ● Preset

- The preset memory can be programmed whether the disc is inserted or not.
- Press the PROG switch ⑰ for more than 2 seconds. The preset address indicator frame ⑪ will blink.
- Press the CDME switch ⑱ to select a preset. The address number in the indicator frame will be on.
- Select your desired music track with the UP ㉓ and DOWN ㉔ switches. The track number is shown on the digital display.

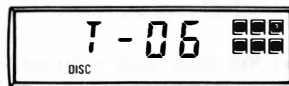
**NOTE:** Any track from 1 to 99 can be programmed (when the disc is not inserted) for preset play. However, if a track number higher than the actual number of selections on a disc is preset, that preset will automatically be cancelled when PROG switch is pressed after the disc is inserted.



- Press the PROG switch ⑰. As shown in the illustration above, number 6 has been memorized in the number 3 frame. The preset number will automatically be advanced to the next higher frame after the preset switch is pressed.

### ● Preset Memory Check

- To find out which tracks were stored into memory, keep pressing the CDME switch ⑱. The Address Number and Track Number will appear on the address indicator ⑪ and digital display ⑦ in order of Address Number.



For example, the figure shows that the Track Number 6 is addressed at 3.

## ◀ CD OPERATION ▶

### ● Preset Play

To start Preset Play, Preset memory should have already been programmed. Refer to Preset procedure section.

1. Load a disc.
2. Press the PROG switch ⑰.
3. The playback will start from the track addressed at 1, 1 will appear on the preset address indicator ① and the Track Number programmed at 1 will show on the digital display ⑦, and continue in order of Address Number to the last programmed number, up to 6.
4. After the last addressed track is played back, the pickup will return to the track programmed at 1 and begin playback again.
5. If the PROG switch is pressed while Preset Play, Preset Play changes to Normal Play.

### ● Preset Memory Clear

#### ● All Clear

1. Press the PROG switch ⑰ for more than 2 seconds.
2. Push the CLRP Switch ⑳ for more than 2 seconds.

#### ● One Program Clear

1. Press the PROG switch ⑰ for more than 2 seconds.
2. Push the Preset Switch of your choice.
3. Push the CLRP Switch ⑳. (**Caution:** If pushed for more than 2 seconds all presets will be cleared.)
4. The content in the preset No. will be cleared.
5. To program another selection into this preset, follow the preset procedures above.

## SPECIFICATIONS

### ● COMPACT DISC PLAYER

System	Optical (compact disc system)
Quantizing Bit Number	16-bit linear system
Channels	2-channels stereo
Frequency Response	20 — 20,000 Hz ± 1.0 dB
Wow & Flutter	Below measurable limits
Total Harmonic Distortion	0.008% (at 1 kHz)
Signal-to-Noise Ratio	85 dB (IHF A-weighted)
Channel Separation	80 dB (at 1 kHz)

### ● FM TUNER

Tuning Range	87.7 — 107.9 MHz
Mono Usable Sensitivity	1.5 $\mu$ V
50 dB Quieting Sensitivity	20.7 dBf (3.0 $\mu$ V/75 ohms)
S/N (signal-to-noise ratio)	60 dB
Stereo Separation	35 dB
Capture Ratio	2.0 dB

### ● AM TUNER

Tuning Range	530 — 1,620 kHz
Sensitivity	10 $\mu$ V

### ● GENERAL

Power Requirement	14.0V DC (11 — 16V allowable)
Bass	± 12 dB at 100 Hz
Treble	± 12 dB at 10 kHz
Weight	3 lbs. 8 oz (1.6 kg)

### ● CHASSIS SIZE

Width: 7" (178mm), Height: 2" (50mm), Depth: 6-1/8" (153mm)

### ● NOSEPIECE SIZE

Width: 6-3/4" (171mm), Height: 1-7/8" (48mm), Depth: 25/32" (20mm)

**NOTE:** Due to product improvement, specifications and design are subject to change without notice.

**PORSCHE**

**B10618075C**

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Printed in Japan